

Applic. No. 10/620,108 *Arg 1/4/10*  
Amdt. dated August 31, 2007

Reply to Notice of Non-Compliant Amendment dated July 31, 2007

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Specification Amendments

AUG 31 2007

*29, 38 Arg 1/4/10*  
Replace the paragraph between lines ~~26-28~~ on page 1 of the  
specification with the following:

--With the increasing advent of cashless payment traffic and  
the ~~increasing information technological networking as far as~~  
~~into~~ increase of information network-technology even in  
individual households, such as e.g. in case of pay TV  
applications, there is an increasing demand for cryptographic  
algorithms in order to be able to perform digital signatures,  
authentications and encryption tasks. Known cryptographic  
algorithms comprise asymmetric encryption algorithms, such as  
e.g. the RSA algorithm, symmetric encryption processes, such  
as e.g. the [[DSE]] DES process, as well as processes based on  
elliptic curves.--

Replace the paragraph between page 2, line 30 and page 3, line  
18 of the specification with the following:

--For protecting chip card terminal systems against criminal  
manipulations, specific protocols are employed between  
terminal and chip card, comprising e.g. mutual authentication  
as well as encryption and decryption operations making use of